

The Commonwealth of Massachusetts  
Executive Office of Health and Human Services  
Department of Public Health  
William A. Hinton State Laboratory Institute  
305 South Street, Jamaica Plain, MA 02130

DEVAL L. PATRICK  
GOVERNOR

TIMOTHY P. MURRAY  
LIEUTENANT GOVERNOR

JUDYANN BIGBY, MD  
SECRETARY

JOHN AUERBACH  
COMMISSIONER

12/31/2010

Ginger Hsu  
Assistant District Attorney, Suffolk County

Dear ADA Hsu,

Enclosed is the information you requested in regards to Commonwealth vs. [REDACTED]  
Included are copies of the following:

1. Drug Analysis Laboratory Receipt.
2. Curriculum Vitae for Annie Khan & Stacey Desjardins.
3. Control Cards with analytical results for samples # [REDACTED]
4. Analysis sheets with chemist's hand notations and test results.
5. GC/Mass Spectral analytical data for samples # [REDACTED]

Stacey Desjardins was the custodial chemist and performed the preliminary testing and net weight for this sample. Annie Khan (Dookhan) was the confirmatory chemist and analyzed the GC/MS data for this sample.

If you have any questions about these materials, please call me at the number below.

Sincerely,

A handwritten signature in black ink, appearing to read "Annie Khan".

Annie Khan (Dookhan)  
Chemist II  
Drug Analysis Lab  
Jamaica Plain, MA. 02130  
(617) 983-6631  
[Annie.Khan@state.ma.us](mailto:Annie.Khan@state.ma.us)



## DRUG RECEIPT

CC #	
BOOK #	
PAGE #	
DESTRUCTION #	

District/Unit Aseta, I

Name & Rank of Arresting Officer Do Smith, T ID# 11956

To be completed by ECU personnel only

Name and Rank of Submitting Officer De Lappina ID# 10015

Received by *W.W.* Date *25-10*

ECU Control #

## Curriculum Vitae

### Annie Khan (Dookhan)

#### **Education:**

University of Massachusetts, Boston, Ma, Master of Science in Chemistry.

University of Massachusetts, Boston, Ma, Bachelor of Science in Biochemistry.

#### **Experience:**

2003 – present

#### Chemist I, II, Massachusetts Department of Public Health, Drug Analysis Laboratory

\*Completed six-week training course conducted by senior staff within the Department of Public Health, Drug Analysis Laboratory.

\*Appointed Assistant Analyst by Assistant Commissioner of Public Health, January 2004.

\*Responsible for the identification of drugs to determine violations of harmful and narcotic drug laws.

\*Trained in the use of complex analytical instrumentation, microscopes and balances for the purpose of drug analysis.

\*Maintenance and repairs of all analytical instruments.

\*Responsible for the Quality Control of all analytical instruments, reagents and controls/standards.

\* Responsible for the Quality Control/Quality Assurance program for the drug lab.

\*Notary Public.

\*Qualified as an expert witness in Massachusetts Courts and U.S. District Court

2001 – 2003

#### QC Analyst I, II, UMMS-Massachusetts Biologic Laboratory, QC Material Control

\*Completed proficiency training conducted by a member of the staff within the MLB Quality Control and Quality Assurance Department.

\*Method Development for creating new techniques and enhancing vaccines for the QC Dept. and FDA.

\*Writing, revising and reviewing Standard Operating Procedures (SOPs).

\*Routine QC testing of products for the FDA.

\*Trained in the use of complex analytical instrumentation, and balances for the purpose of QC analysis for product and validation projects.

\*Calibration, preventive maintenance, QC and QA of analytical instrumentation.

\*Complete testing of chemicals for Vendor Validation Project for the FDA.

\*Compendial testing and interpretation of the USP, ACS, FCC, AOAC, Merck Index, PDR, etc.

#### **Additional Training:**

Dept. of Justice – Forensics Professionals.

GLP/GMP course with Massachusetts Biologic Laboratory.

QC/QA training according to FDA Codes and Regulations.

GC and GC/MS courses with Agilent Technologies and Restek.

HPLC course with Waters Cooperation.

FTIR course with Spectros.

TOC training with MBL and Sievers.

#### **Association:**

American Chemical Society (ACS)

Northeastern Association of Forensics Science (NEAFS)

# **Stacey Lyn Desjardins**

617-983-6632

stacey.felden@state.ma.us

EDUCATION	<p><b>Master of Science—Forensic Science</b> University of New Haven; West Haven, Connecticut May 2006</p> <ul style="list-style-type: none"><li>• Concentration: Criminalistics</li><li>• Certificate: Advanced Investigation</li></ul>
	<p><b>Bachelor of Arts—Chemistry</b> Monmouth College; Monmouth, Illinois May 2004</p> <ul style="list-style-type: none"><li>• Graduated Cum Laude</li></ul>
EXPERIENCE	<p><b>Chemist I</b> Massachusetts Department of Public Health; Jamaica Plain, Massachusetts March 2009-present</p> <ul style="list-style-type: none"><li>• Analyze unknown substances submitted by Massachusetts Law Enforcement Agencies</li><li>• Operate, maintain, and interpret data from analytical equipment (Gas Chromatograph, analytical balance, microscope, Ultraviolet Spectrometer, Infrared Spectrometer)</li><li>• Provide expert testimony to local, state, and federal courts in Massachusetts</li></ul>
	<p><b>Teaching/Graduate Assistant</b> Monmouth College Chemistry Department University of New Haven Forensic Science Department January 2001-May 2006</p> <ul style="list-style-type: none"><li>• Supervised labs and answered student questions</li><li>• Performed demonstrations using forensic techniques and chemicals</li></ul>
	<p><b>Additional work experience and references available upon request</b></p>
TRAINING	<p>2009: Multijurisdictional Counterdrug Task Force Training on Current Drug Trends</p>
	<p>2009: Six week training with Senior Staff at the Massachusetts Department of Public Health Drug Analysis Laboratory—appointed Assistant Analyst</p>
	<p>2005: Internship with the New Hampshire State Crime Lab</p>
COURSEWORK	<p>Biomedical Methods of Forensic Science, Criminal Procedure, Forensic Microscopy, Advanced Criminalistics I and II, Forensic Toxicology, Advanced Investigation I and II, Physical Analysis in Forensic Science, Organic Chemistry I and II, General Chemistry, Analytical Chemistry I and II, Physical Chemistry I, II, and III, Biochemistry, Advanced Inorganic Chemistry</p>

No. [REDACTED]

Date Analyzed: 11-24-10

City: Boston D.C.U. Police Dept.

Officer: P.O. MILA DEPINA

Def: [REDACTED]

Amount:

Subst: SUB

No. Cont: 4 Cont: pb

Date Rec'd: 08/25/2010

No. Analyzed: 1

Gross Wt.: 4.69

Net Weight: 0.09g  
# Tests: 4 SLD

2A30

Prelim: heroin

Findings: Heroin

# DRUG POWDER ANALYSIS FORM

SAMPLE # XXXXXXXXXXAGENCY BostonANALYST SLDNo. of samples tested: 1

Evidence Wt.

PHYSICAL DESCRIPTION: - signed + sealed

Gross Wt (4): 1.1236g

- light brown powdery <sup>sub</sup> substance in 4 double bagged  
pbs <sup>triple</sup>

Gross Wt (1): 0.2955gPkg. Wt: 0.1983gNet Wt: 0.0972g

## PRELIMINARY TESTS

### Spot Tests

Cobalt Thiocyanate ( ) ⊕Marquis ⊕Froehde's ⊕Mecke's ⊕

### Microcrystalline Tests

Gold Chloride

TLTA ( )

### OTHER TESTS

## PRELIMINARY TEST RESULTS

RESULTS heroinDATE 11-17-10

## GC/MS CONFIRMATORY TEST

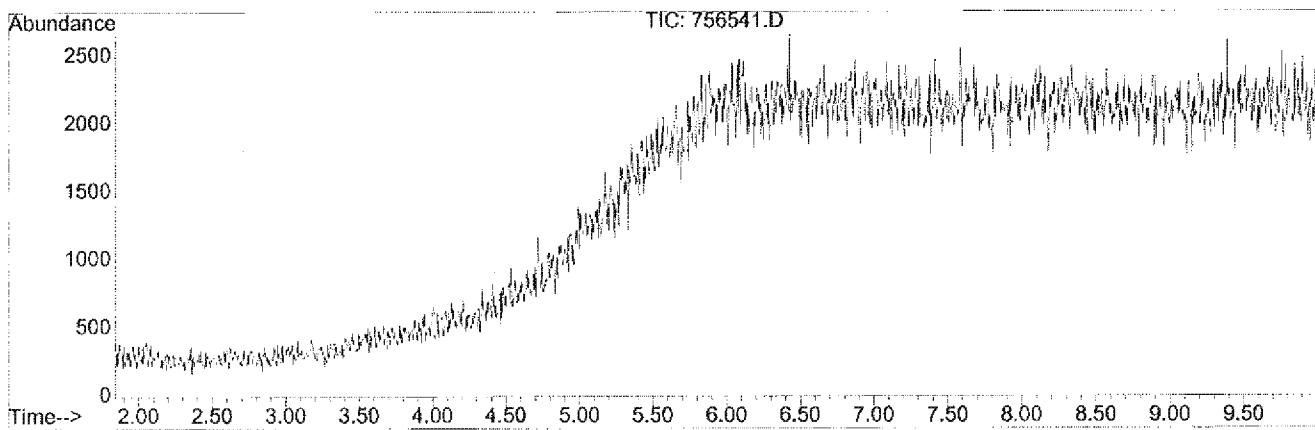
RESULTS heroinMS OPERATOR ASDDATE 11-24-10

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Information from Data File:

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Operator : ASD  
Date Acquired : 23 Nov 2010 10:33  
Sample Name : BLANK  
Submitted by : SLD  
Vial Number : 1  
AcquisitionMeth: DRUGS  
Integrator : RTE

1/29/10  
12/29/10



Ret. Time	Area	Area %	Ratio %
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\*\*\*NO INTEGRATED PEAKS\*\*\*

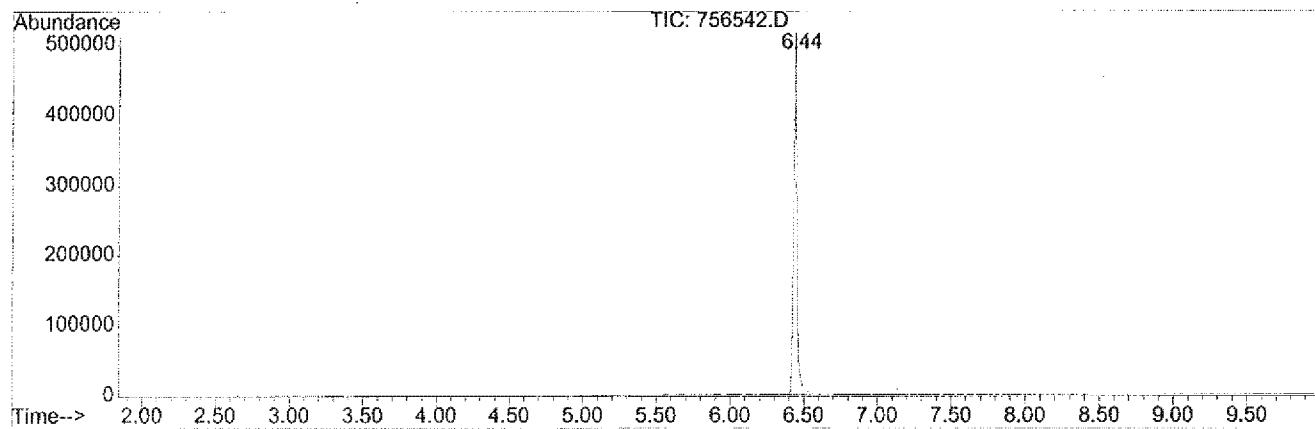
# Area Percent / Library Search Report

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## Information from Data File:

File Name : J:\11\_22\_10\756542.D  
Operator : ASD  
Date Acquired : 23 Nov 2010 10:46  
Sample Name : HEROIN STD  
Submitted by : SLD  
Vial Number : 42  
AcquisitionMeth: DRUGS  
Integrator : RTE

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Ret. Time	Area	Area %	Ratio %
6.438	800637	100.00	100.00

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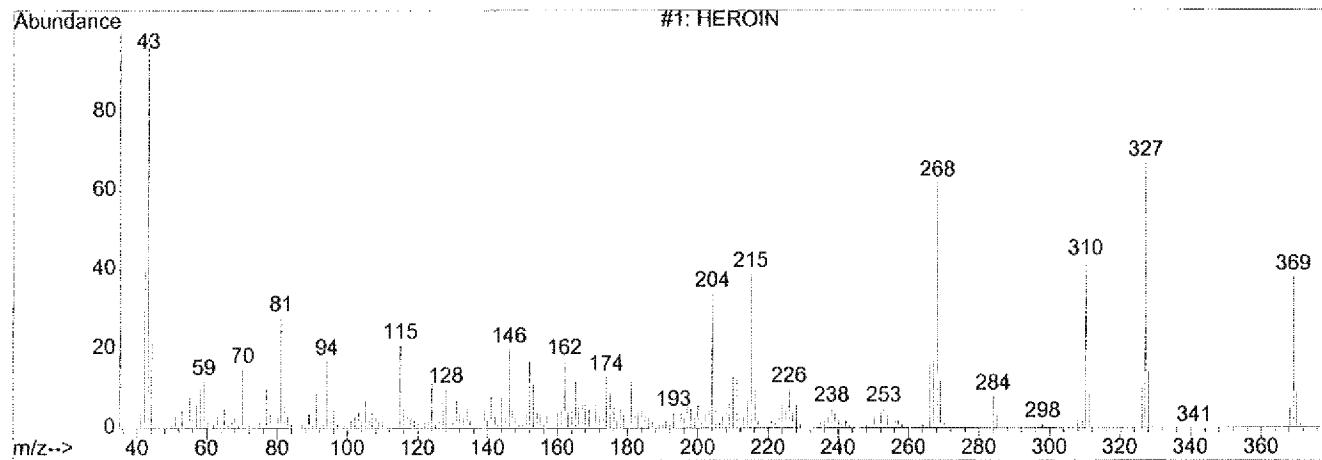
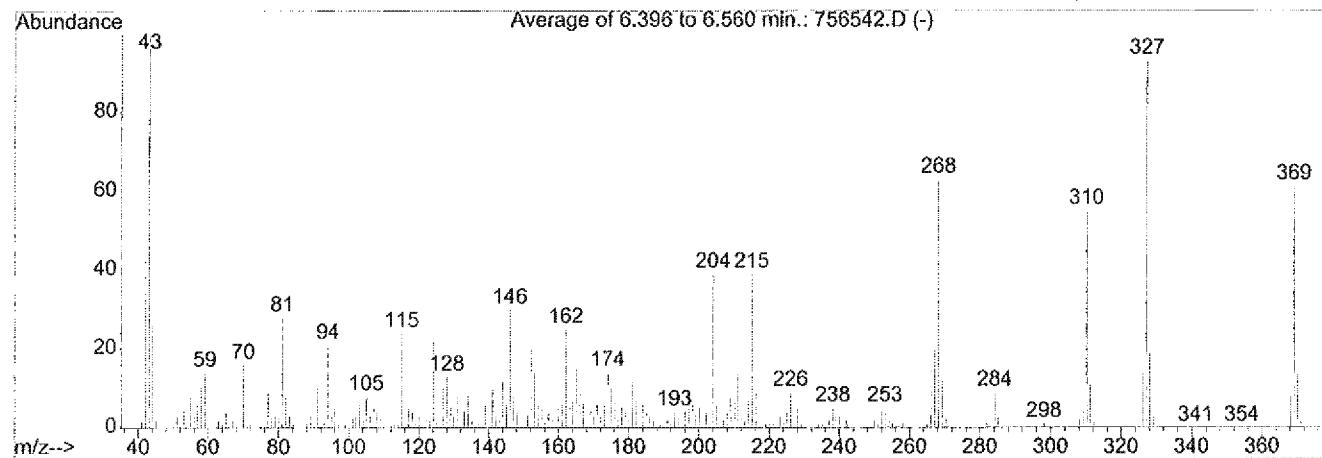
# Area Percent / Library Search Report

**Information from Data File:**

File Name : J:\11\_22\_10\756542.D  
Operator : ASD  
Date Acquired : 23 Nov 2010 10:46  
Sample Name : HEROIN STD  
Submitted by : SLD  
Vial Number : 42  
AcquisitionMeth: DRUGS  
Integrator : RTE

Search Libraries: C:\DATABASE\SLI.L Minimum Quality: 90  
C:\DATABASE\PMW\_TOX2.L Minimum Quality: 90  
C:\DATABASE\NIST98.L

PK#	RT	Library/ID	CAS#	Qual
1	6.44	C:\DATABASE\SLI.L HEROIN	000561-27-3	99



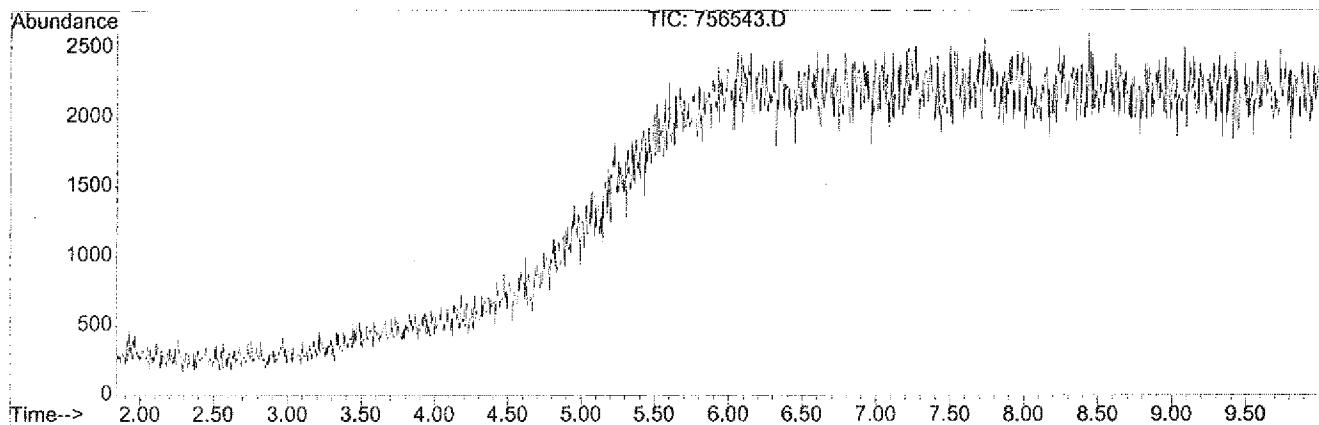
# Area Percent / Library Search Report

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Operator : ASD  
Date Acquired : 23 Nov 2010 10:58  
Sample Name : BLANK  
Submitted by : SLD  
Vial Number : 1  
AcquisitionMeth: DRUGS  
Integrator : RTE

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Ret. Time	Area	Area %	Ratio %
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\*\*\*NO INTEGRATED PEAKS\*\*\*

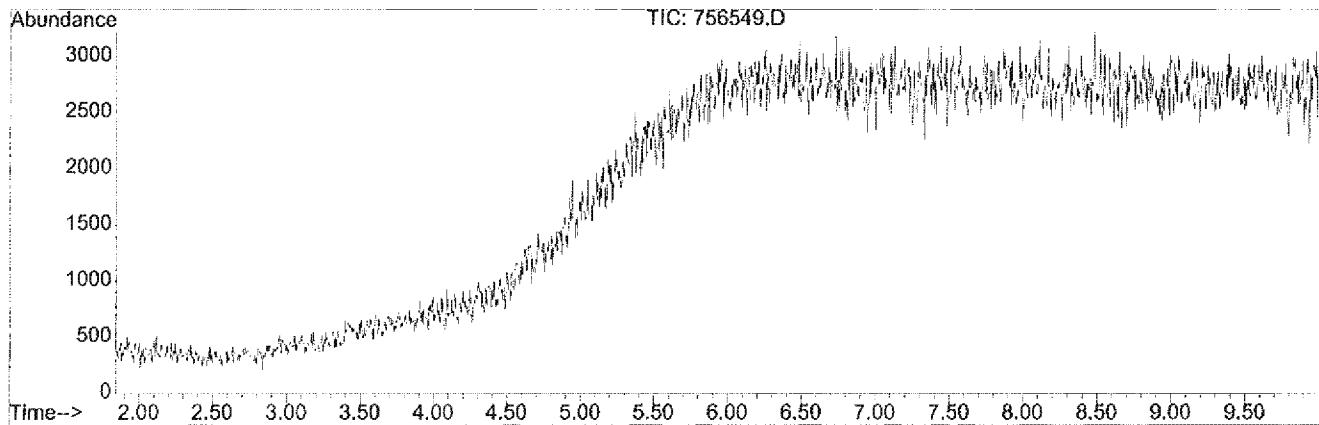
# Area Percent / Library Search Report

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File Name : J:\11\_22\_10\756549.D  
Operator : ASD  
Date Acquired : 23 Nov 2010 12:14  
Sample Name : BLANK  
Submitted by : SLD  
Vial Number : 1  
AcquisitionMeth: DRUGS  
Integrator : RTE

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Ret. Time	Area	Area %	Ratio %
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\*\*\*NO INTEGRATED PEAKS\*\*\*

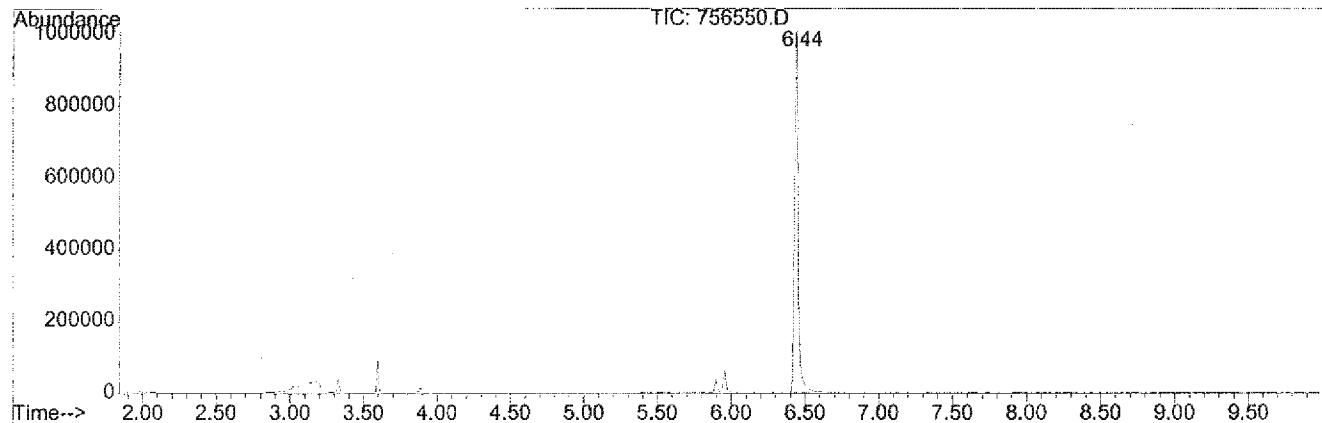
# Area Percent / Library Search Report

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## Information from Data File:

File Name : J:\11\_22\_10\756550.D  
Operator : ASD  
Date Acquired : 23 Nov 2010 12:26  
Sample Name : XXXXXXXXXX  
Submitted by : SLD  
Vial Number : 50  
AcquisitionMeth: DRUGS  
Integrator : RTE

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Ret. Time	Area	Area %	Ratio %
6.438	1675860	100.00	100.00

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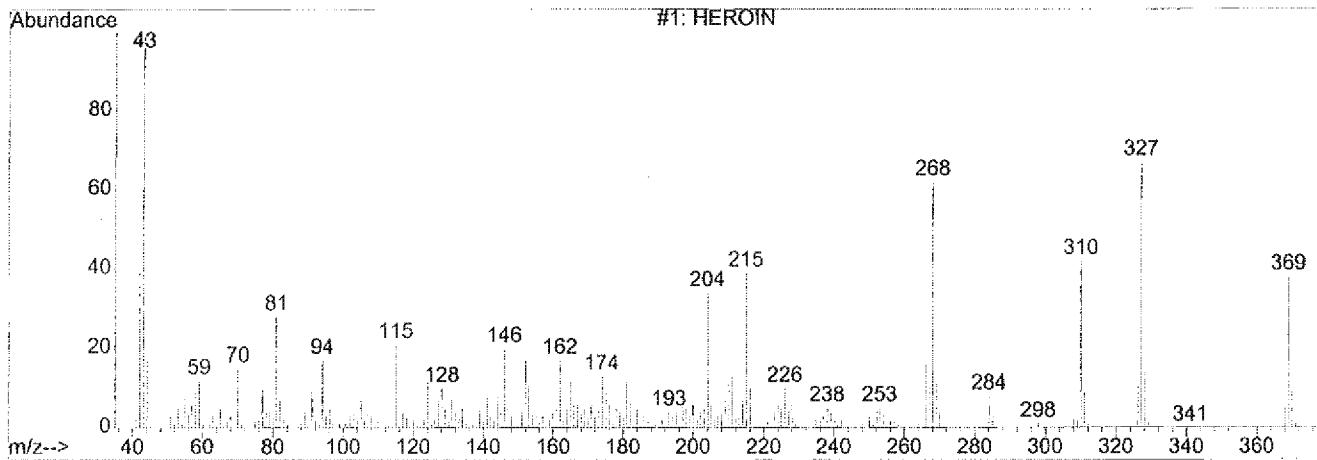
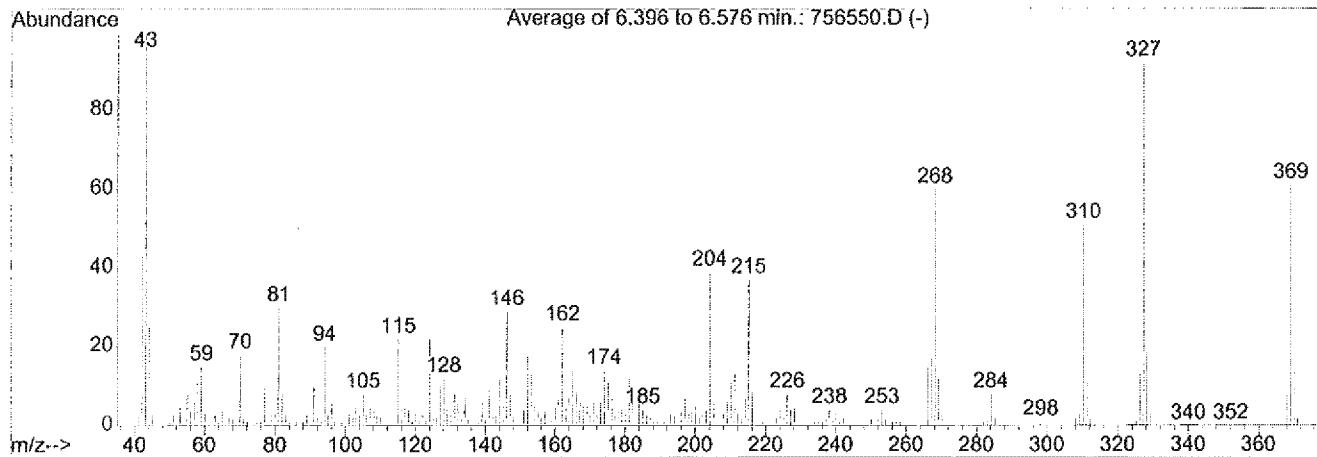
# Area Percent / Library Search Report

**Information from Data File:**

File Name : J:\11\_22\_10\756550.D  
Operator : ASD  
Date Acquired : 23 Nov 2010 12:26  
Sample Name : XXXXXXXXXX  
Submitted by : SLD  
Vial Number : 50  
AcquisitionMeth: DRUGS  
Integrator : RTE

Search Libraries: C:\DATABASE\SLI.L Minimum Quality: 90  
C:\DATABASE\PMW\_TOX2.L Minimum Quality: 90  
C:\DATABASE\NIST98.L

PK#	RT	Library/ID	CAS#	Qual
1	6.44	C:\DATABASE\SLI.L HEROIN	000561-27-3	99



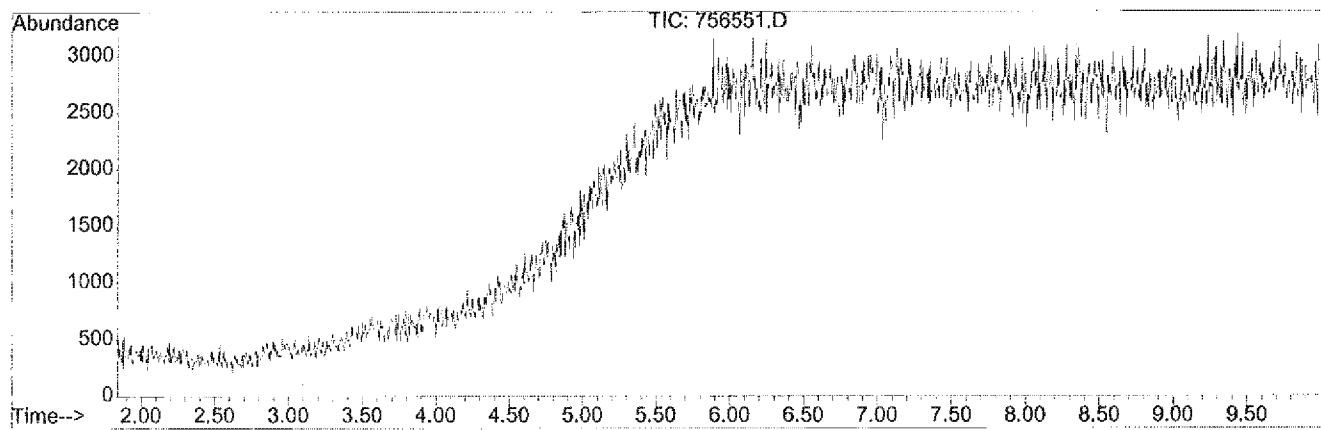
# Area Percent / Library Search Report

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File Name : J:\11\_22\_10\756551.D  
Operator : ASD  
Date Acquired : 23 Nov 2010 12:39  
Sample Name : BLANK  
Submitted by : SLD  
Vial Number : 2  
AcquisitionMeth: DRUGS  
Integrator : RTE

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Ret. Time	Area	Area %	Ratio %
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\*\*\*NO INTEGRATED PEAKS\*\*\*

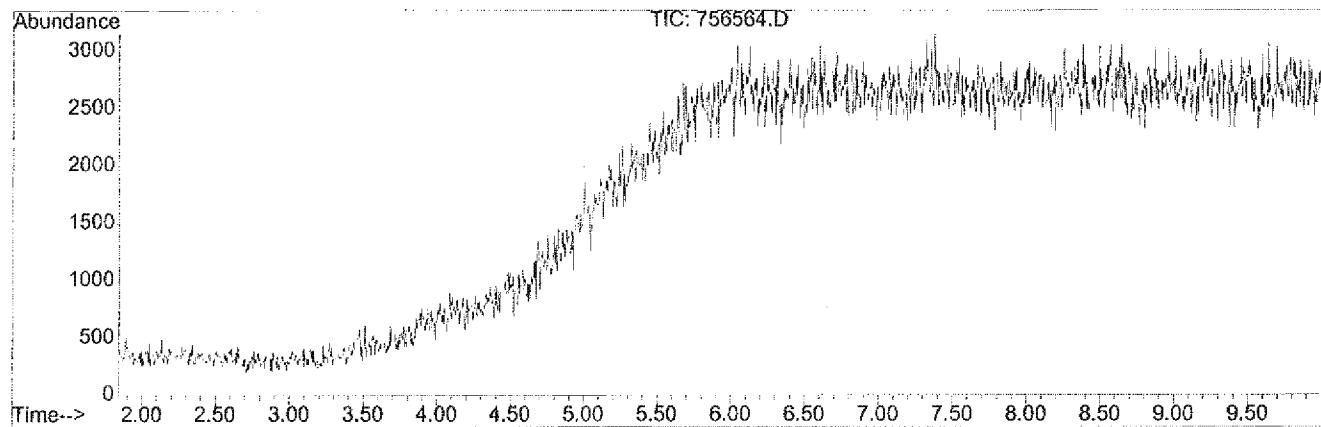
# Area Percent / Library Search Report

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File Name : J:\11\_22\_10\756564.D  
Operator : ASD  
Date Acquired : 23 Nov 2010 15:24  
Sample Name : BLANK  
Submitted by : SLD  
Vial Number : 2  
AcquisitionMeth: DRUGS  
Integrator : RTE

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Ret. Time	Area	Area %	Ratio %
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\*\*\*NO INTEGRATED PEAKS\*\*\*

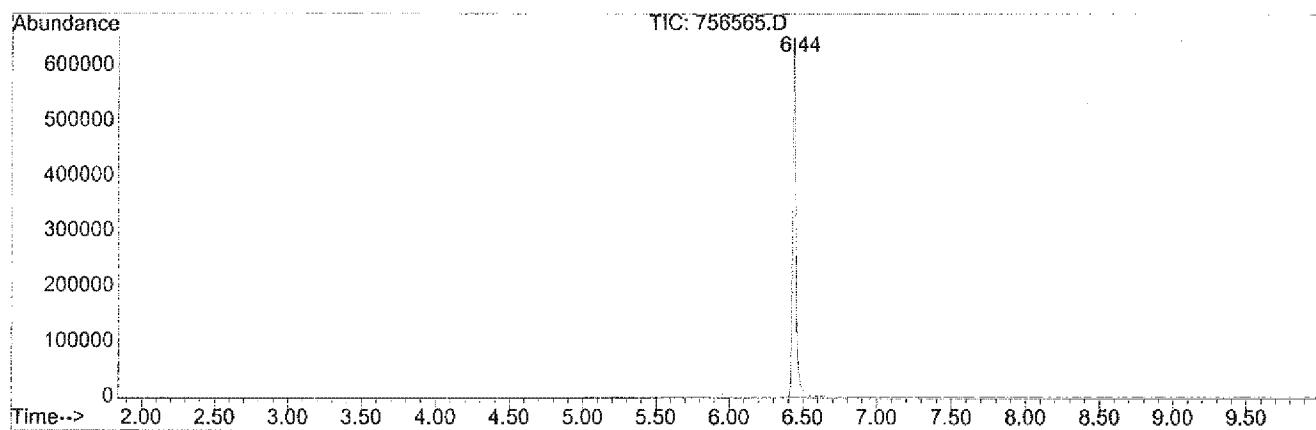
# Area Percent / Library Search Report

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## Information from Data File:

File Name : J:\11\_22\_10\756565.D  
Operator : ASD  
Date Acquired : 23 Nov 2010 15:37  
Sample Name : HEROIN STD  
Submitted by : SLD  
Vial Number : 65  
AcquisitionMeth: DRUGS  
Integrator : RTE

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Ret. Time	Area	Area %	Ratio %
6.439	997099	100.00	100.00

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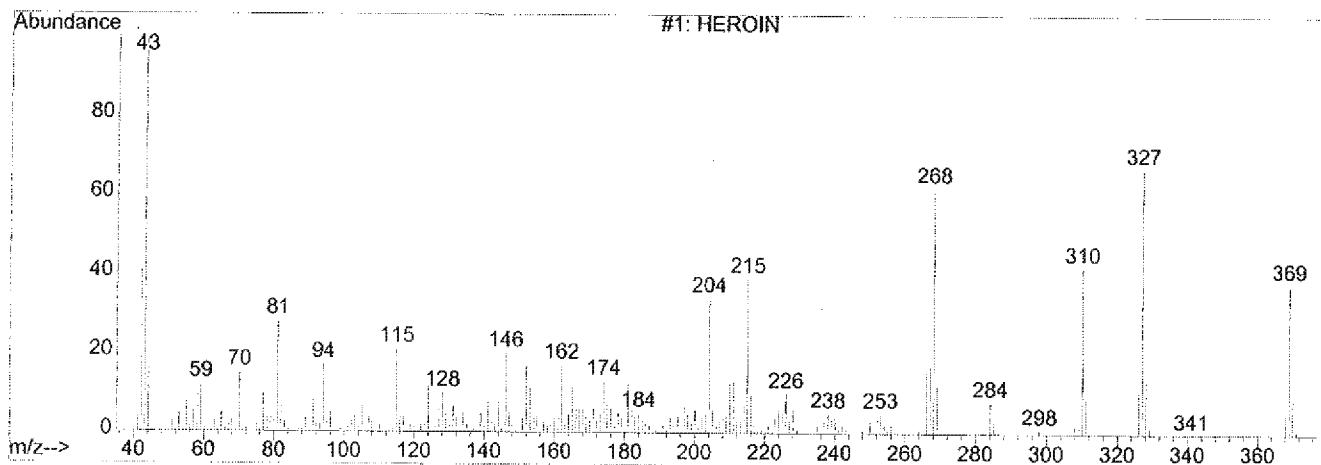
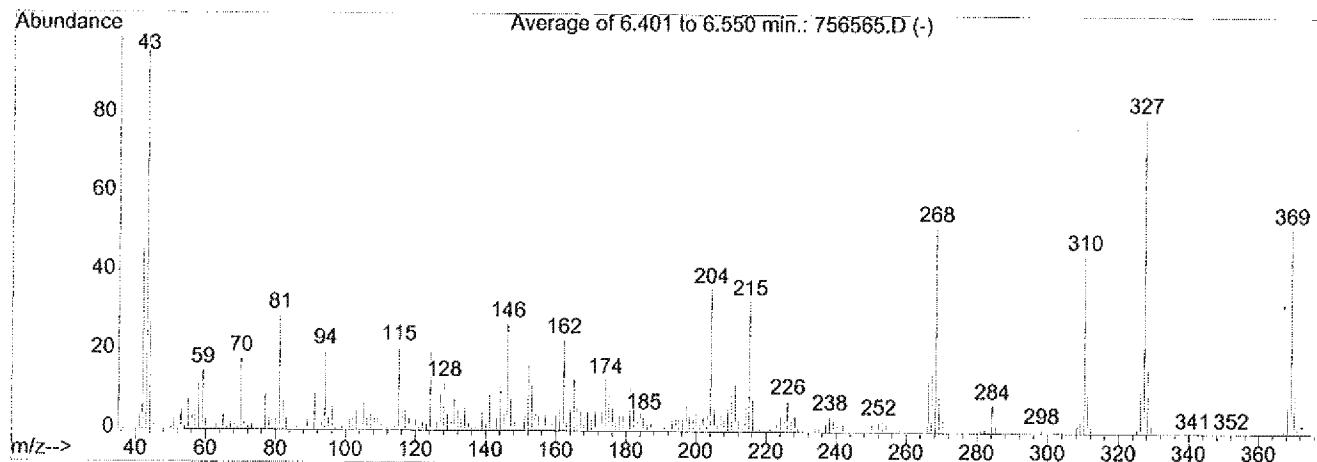
# Area Percent / Library Search Report

**Information from Data File:**

File Name : J:\11\_22\_10\756565.D  
Operator : ASD  
Date Acquired : 23 Nov 2010 15:37  
Sample Name : HEROIN STD  
Submitted by : SLD  
Vial Number : 65  
AcquisitionMeth: DRUGS  
Integrator : RTE

Search Libraries: C:\DATABASE\SLI.L Minimum Quality: 90  
C:\DATABASE\PMW\_TOX2.L Minimum Quality: 90  
C:\DATABASE\NIST98.L

PK#	RT	Library/ID	CAS#	Qual
1	6.44	C:\DATABASE\SLI.L HEROIN	000561-27-3	99



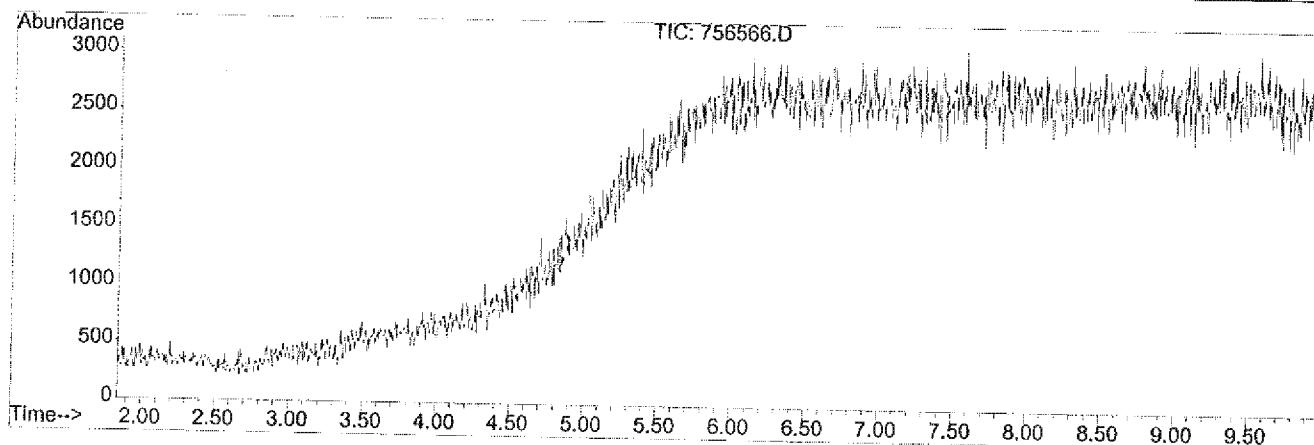
# Area Percent / Library Search Report

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## Information from Data File:

File Name : J:\11\_22\_10\756566.D  
Operator : ASD  
Date Acquired : 23 Nov 2010 15:49  
Sample Name : BLANK  
Submitted by : SLD  
Vial Number : 2  
AcquisitionMeth: DRUGS  
Integrator : RTE

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Ret. Time	Area	Area %	Ratio %
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\*\*\*NO INTEGRATED PEAKS\*\*\*